

## Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

### **Counties with Published Soil Surveys**

Technical soil descriptions are located in the county soil survey descriptive legend.

### **Counties without Published Soil Surveys**

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

*This section includes:*

- **(a) Classification of the soils**

Barry County, Missouri  
 Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
Barden-----	Fine, mixed, thermic Aquollic Hapludalfs
Bardley-----	Very-fine, mixed, active, mesic Typic Hapludalfs
Beemont-----	Very-fine, montmorillonitic, mesic Typic Hapludalfs
Blueye-----	Fine, mixed, active, mesic Typic Argiudolls
Branson-----	Fine-silty, mixed, mesic Typic Paleudults
Britwater-----	Fine-loamy, mixed, active, mesic Typic Paleudalfs
Captina-----	Fine-silty, siliceous, active, mesic Typic Fragiudults
Carytown-----	Fine, mixed, thermic Albic Natraqualfs
Cedargap-----	Loamy-skeletal, mixed, superactive, mesic Cumulic Hapludolls
Claiborne-----	Fine-loamy, siliceous, mesic Typic Paleudults
Clarksville-----	Loamy-skeletal, siliceous, semiactive, mesic Typic Paleudults
Credlon-----	Fine, mixed, active, mesic Oxyaquic Fragiudalfs
Dunning-----	Fine, mixed, mesic Fluvaquentic Endoaquolls
Elk-----	Fine-silty, mixed, active, mesic Ultic Hapludalfs
Gateway-----	Very-fine, mixed, active, mesic Oxyaquic Hapludalfs
Hailey-----	Loamy-skeletal, siliceous, superactive, mesic Typic Dystrachrepts
Hercules-----	Clayey-skeletal, mixed, superactive, mesic Cumulic Hapludolls
Hoberg-----	Fine-loamy, siliceous, mesic Mollic Fragiudalfs
Huntington-----	Fine-silty, mixed, active, mesic Fluventic Hapludolls
*Keeno-----	Loamy-skeletal, siliceous, active, mesic Oxyaquic Fragiudalfs
Lily-----	Fine-loamy, siliceous, mesic Typic Hapludults
Mano-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs
Moko-----	Loamy-skeletal, mixed, superactive, mesic Lithic Hapludolls
Needley-----	Fine-silty, mixed, mesic Aquic Fragiudults
Nixa-----	Loamy-skeletal, siliceous, mesic Glossic Fragiudults
Noark-----	Clayey-skeletal, mixed, semiactive, mesic Typic Paleudults
Ocie-----	Loamy-skeletal over clayey, mixed, semiactive, mesic Oxyaquic Hapludalfs
Parsons-----	Fine, mixed, thermic Mollic Albaqualfs
Pembroke-----	Fine-silty, mixed, mesic Mollic Paleudalfs
*Portia-----	Fine-loamy, siliceous, mesic Typic Paleudalfs
Raccoon-----	Fine-silty, mixed, mesic Typic Endoaqualfs
Ramsey-----	Loamy, siliceous, superactive, mesic Lithic Dystrudepts
Scholten-----	Loamy-skeletal, siliceous, active, mesic Typic Fragiudults
Secesh-----	Fine-loamy, siliceous, active, mesic Ultic Hapludalfs
Snead-----	Fine, mixed, mesic Aquic Hapludolls
Tonti-----	Fine-loamy, mixed, active, mesic Typic Fragiudults
Viraton-----	Fine-loamy, siliceous, mesic Typic Fragiudalfs
Waben-----	Loamy-skeletal, siliceous, mesic Ultic Hapludalfs
Yelton-----	Fine-loamy, siliceous, mesic Typic Fragiudults